MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450 DOCKET NUMBER: JP920020172US1

DATE: October 29, 2003

Assignee Name: Hitachi Global Storage Technologies &

Netherlands B.V.

Assignee Residence: The Netherlands



Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor(s):

SHINICHI KIMURA, HIROSHI MATSUDA, SATOSHI MATSUMURA AND YUJI TAMENORI

For: DISK DRIVE, STORAGE MEDIUM, AND PORTABLE PRECISION DEVICE

Enclosed are:

- X Patent Specification
- X Formal Drawings Seven (7) sheets
- X A Declaration and Power of Attorney

An Executed Assignment of the invention to Hitachi Global Storage Technologies Netherlands B.V. (includes Recordation Form Cover Sheet)

- X Return Postcard
- X A certified copy of a European Patent Application No. JP2002-316279
- Information Disclosure Statement, PTO 1449 References (are included.)

The filing fee has been calculated as shown below:

For	Number Filed			Number Extra		Rate		Fee
Basic Fee								\$770.00
Total Claims	19	-	20	0	Х	\$18.00	=	\$0.00
Indep. Claims	3	-	3	0	X	\$84.00	=	\$0.00
MULTIPLE DEP	0	X	\$270.00	=	\$0.00			

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